

Exhibit A



Blast 2 Sequences results

PubMed

Entrez

BLAST

OMIM

Taxonomy

Structure

BLAST 2 SEQUENCES RESULTS VERSION BLASTP 2.2.13 [Nov-27-2005]

Matrix: gap open: gap extension:
 x_dropoff: expect: wordsize: Filter ☒ View option:
 Masking character option: Masking color option:
☐ Show CDS translation

Sequence 1: gi|47117817|sp|O75376|NCOR1_HUMANNuclear receptor corepressor 1 (N-CoR1) (N-CoR).

Length = 296 (736 .. 1031) *SEQ ID NO: 11*

Sequence 2: gi|1045655|gb|AAC50236.1silencing mediator of retinoid and thyroid hormone action

Length = 1495 *MSU 37146*

No significant similarity was found

CPU time: 0.02 user secs. 0.02 sys. secs 0.04 total secs.

Lambda	K	H
0.307	0.125	0.360

Gapped

Lambda	K	H
0.267	0.0410	0.140

Matrix: BLOSUM62

Gap Penalties: Existence: 11, Extension: 1

Number of Sequences: 1

Number of Hits to DB: 3917

Number of extensions: 2470

Number of successful extensions: 1

Number of sequences better than 10.0: 0

Number of HSP's gapped: 1

Number of HSP's successfully gapped: 0

Length of query: 296

Length of database: 1,196,146,007

Length adjustment: 132

Effective length of query: 164

Effective length of database: 1,196,145,875

Effective search space: 196167923500

Effective search space used: 196167923500

Neighboring words threshold: 9

X1: 16 (7.1 bits)

X2: 129 (49.7 bits)

X3: 129 (49.7 bits)

S1: 42 (21.6 bits)

S2: 77 (34.3 bits)

